

MAY 01 2007

**FAX TRANSMISSION****DATE:** May 1, 2007**PTO IDENTIFIER:** Application Number 10/781,014-Conf. #2283

Patent Number

**Inventor:** Markus POMPEJUS et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (571) 273-8300**FROM:** LAHIVE & COCKFIELD, LLP

Maria Laccotripe Zacharakis, Ph.D., J.D.

**PHONE:** (617) 227-7400**Attorney Dkt. #:** BGI-126CPCN**PAGES (Including Cover Sheet):** 17**CONTENTS:**  
Transmittal (1 page)  
Second Amendment and Response to Final Office Action (14 pages)  
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PTO/SB/97 (09-04)

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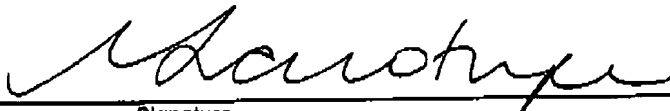
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Attorney Docket No.: BGI-126CPCN

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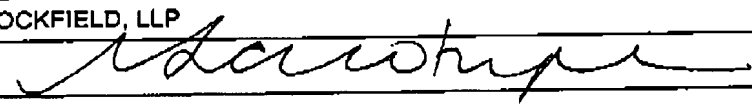
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<b>TRANSMITTAL FORM</b>  <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/781,014-Conf. #2283
	Filing Date	February 17, 2004
	First Named Inventor	Merkus POMPEJUS
	Art Unit	1652
	Examiner Name	C. L. Fronda
Total Number of Pages in This Submission	Attorney Docket Number	BGI-126CPCN

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Date	May 1, 2007	Reg. No. 56,268

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(Maria Laccotripe Zacharek, Ph.D., J.D.)

Docket No.: BGI-126PCPN  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Markus Pompejus *et al.*

Application No.: 10/781014

Confirmation No.: 2283

Filed: February 17, 2004

Art Unit: 1652

For: *Corynebacterium Glutamicum* Genes Encoding  
Proteins Involved in Carbon Metabolism and  
Energy Production

Examiner: Fronda, Christian L.

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SECOND AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

Dear Sir:

This communication is responsive to the Final Office Action dated October 4, 2006 (Paper No. 20060929) and is being filed pursuant to the telephonic interviews with the Examiner on April 12, 2007 and May 1, 2007.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.